FANLESS MINI PC FOR DIGITAL SIGNAGE

F300 SERIES

Metal casing, dust prevention and mute, suitable for multi-application environment

Digital signage application field

Transportation, information publishing applications
Intelligent medical treatment, Remote surveillance
Shop and supermarket service, restaurant chain field
Education, hotel interactive system.etc.

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F300 SERIES

Specifications		F102D-BK541	F300	F310
Features		Cedar Trail-M	Haswell	BayTrail-D
Processor system	Processor	Intel® Atom™ Processor N2600	Intel® Core™ i5-4200U Processor	Intel® Celeron™ Processor J1850
	PCH	Intel® NM10 Express	Integrated into CPU	Integrated into CPU
	Memory Support	1x SO-DIMM DDR3-800 up to 2GB	1x SO-DIMM DDR3L-1333/1600 up to 8GB	1x SO-DIMM DDR3L-1333/1600 up to 8GB
Thermal Solution		Fanless	Fanless	Fanless
Graphics	GPU,VRAM Microsoft® DirectX®	Intel® GMA 3600 9	Intel® HD Graphics 4400 11	Intel® HD Graphics 11
	Display Interface	HDMI + VGA	1* DP + DVI / DP	2* DP + VGA
	Max. Resolution	VGA: 1920x1080 @ 60Hz	DP : 3200x2000 @ 60Hz	VGA: 2056x1536 @ 60Hz
		HDMI: 1920x1080 @ 60Hz	DVI: 2560x1920 @ 60Hz	DP : 2560x1600 @ 60Hz
IO Interfaces	Audio jack	1x Mic in 1x Audio out&S/PDIF Combo	1x Mic in; 1x Audio out	1x Mic in 1x Audio out
	Ethernet Wireless	2x RJ-45(Gigabit LAN) 802.11b/g/n + Bluetooth® 4.0	1x RJ-45(Gigabit LAN) Optional	1x RJ-45(Gigabit LAN) Optional
	Infra Red	Yes	Yes	Yes
	USB	1x USB2.0+4x USB2.0	4x USB3.0+2x USB2.0	1x USB3.0+2x USB2.0
	COM Card Reader	2 1x 4-in-1 (SD/MMC/MS/MS PRO)	2 0	2 0
	SIM Card slot	0	1	1
	DC-IN jack	19V	19V / 12V	19V / 12V
Storage	Solid State Disk	Optional	Optional	Optional
	Hard Disk Drive	2.5" SATAII HDD 500GB	Support 2.5" SATA III/II Type	Support 2.5" SATA II Type
Internal I/O Connectors	Expansion Slot	2x Mini-PCIE(1x mSATAII SSD; 1x PCIe/USB)	3x Mini-PCIE(1x mSATAIII ; 1x PCIe/USB; 1xPCIe)	2x Mini-PCIE(1x mSATAII ; 1x PCIe/USB)
System Management		*RTC Wake Up *Wake On LAN *Auto Power On *Watch Dog Timer	*RTC Wake Up *Wake On LAN *Auto Power On *Watch Dog Timer *JAHC Support	*RTC Wake Up *Wake On LAN *Auto Power On *Watch Dog Timer *JAHC Support
Operating Environment	Operating Temperature	0~40℃	0~35℃	0~40℃
Physical Characteristics	Dimensions (W×D×H)	190mm x 149mm x 25.5mm	260mm x 175mm x 35mm	260mm x 175mm x 35mm
Support OS		Windows® 7 & Linux	Windows® 7, 8 &Linux	Windows® 7, 8 &Linux
Case		Metal	Metal	Metal